

Substitute for Form 1449 A &amp; B/PTO

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Application Number	10/669,709
Confirmation Number	6387
Filing Date	September 25, 2003
First Named Inventor	Yung-lyul LEE
Art Unit	2613
Examiner Name	Not yet assigned
Attorney Docket Number	Q77576

Sheet

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of

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## **U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
/GP/		US 5,610,729		03/11/1997	Nakajima
		US			
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## **FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>2</sup> (if known)			
/GP/		EP	0 781 053	A2	06/25/1997	Apostolopoulos et al.	
/GP/		WO	99/22509		05/06/1999	Lee et al.	

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Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
/GP/		Webb, "Postprocessing to Reduce Blocking Artifacts for Low Bit-Rate Video Coding Using Chrominance Information," <u>Proceedings of the International Conference on Image Processing</u> , (September 16-19, 1996), Vol. 1, pp. 9-12.	
/GP/		Hu et al., "Removal of Blocking and Ringing Artifacts in Transform Coded Images," <u>Acoustics, Speech and Signal Processing</u> , 1997, IEEE International Conference April 21, 1997, pp. 2565-2568.	

Examiner Signature

/Gims Philippe/

Date Considered

04/04/2007

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.

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		Number	Kind Code <sup>2</sup> (if known)		
/GP/		US 5,475,434		12/12/1995	Kim
/GP/		US 5,495,538		02/27/1996	Fan
		US			
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		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
/GP/		WO	99/22509		05/06/1999	SAMSUNG ELECTRONICS CO., LTD., KOREA ADVANCED INST. OF SCIENCE AND TECHNOLOGY	
/GP/		EP	0 781 053 A2		06/25/1997	Lucent Technologies Inc.	

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/GP/		HU J et al.: "Removal of Blocking and Ringing Artifacts in Transform Coded Images" Acoustics, Speech, and Signal Processing, 1997. Icassp-97., 1997 IEEE International Conference On Munich, Germany 21-24 April 1997, Los Alamitos, Ca, USA, IEEE Comput. Soc. US (21-04-1997), 2565-2568	
/GP/		Communication regarding European Search Report for Appln. No. EP 03005607, EPO, Nov. 11, 2003	
/GP/		Communication pursuant to Article 96 (2) EPC, EPO, Nov. 11, 2003	

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/Gims Philippe/

Date Considered

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First Named Inventor	Yung-Iyul LEE, et al.
Art Unit	2613
Examiner Name	Not yet assigned
Attorney Docket Number	Q77576

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		US			
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		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
/GP/		CN	1138401	A	12/18/1996		Yes (of correspon ding English language US Patent No. 5,802,218 )

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/GP/		Chinese Office Action 200410005359.4 dated December 16, 2005	Yes (English translation of relevant portions)

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		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
/GP/		CN	1151662	A	06/11/1997	Matsushita Electric Ind. Co., Ltd.	English Translation

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				Application Number	10/669,709
				Confirmation Number	6387
				Filing Date	September 25, 2003
				First Named Inventor	LEE, Yung-lyul
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Attorney Docket Number	Q77576				
PATENT & TRADEMARK OFFICE	1	of	1		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
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		US			
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		November 9, 2004 Office Action for German Patent Application No. 198 82 541.2-53	Yes
/GPI/		LYNCH, WILLIAM E. et al., Post Processing Transform Coded Images Using Edges, Int'l Conf. on Acoustics, Speech, and Signal Processing, 1995, Vol. 4, pp.2323-2326	

Examiner Signature	/Gims Philippe/	Date Considered	04/04/2007
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				Application Number	Div. of 09/462,805
				Confirmation Number	Not yet assigned
				Filing Date	September 25, 2003
				First Named Inventor	Yung-lyul LEE
				Art Unit	2613 (Parent)
				Examiner Name	Not yet assigned
Sheet	1	of	1	Attorney Docket Number	Q77576

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		Number	Kind Code <sup>2</sup> (if known)		
/GP/		US 5,367,629	A	11-22-1994	Chu et al.
↓		US 5,920,356	A	07-16-1999	Gupta et al.
		US 5,737,451	A	04-07-1998	Gandhi et al.
		US 5,610,729	A	03-11-1997	Nakajima
		US 6,259,823	B1	07-10-2001	Lee et al.
		US 5,974,197	A	10-26-1999	Lee et al.
/GP/		US			
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		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
/GP/		JP	8-149470		6/7/1996	VICTOR OF JAPAN LTD	
↓		JP	5-316361		11/26/1993	SONY CORPORATION	
		JP	6-343169		12/13/1994	SHARP CORPORATION	
		JP	7-212759		8/11/1995	SHARP CORPORATION	
		JP	3-267888		11/28/1991	FUJITSU LTD.	
		JP	8-307870		11/22/1996	SAMSUNG ELECTRONICS CO., LTD.	
/GP/		JP	8-251591		9/27/1996	SAMSUNG ELECTRONICS CO., LTD.	

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